

Pharmacology NURS 251 Module 5 Exam

1. Name the microscopic sacs within the lungs that are the site where oxygen is exchanged for carbon dioxide. **ANS** alveoli

2. Select the correct statement below. **ANS** Emphysema is a disease process involving inflammation of the alveoli

3. There are several chemical mediators responsible for the symptoms and complications of Asthma and COPD. Name the one that has a known drug therapy that has been shown to improve patient symptoms. **ANS**

Leukotrienes

4. True or False. Intrinsic asthma is caused by allergies. **ANS** False

5. **Describe the pathophysiology of asthma.** **ANS** The Bronchioles narrow causing bronchospasm and inflammation, edema and the production of mucus. This ultimately obstructs airflow meaning that the carbon dioxide cannot get out and the oxygen cannot get in.

6. **Tobacco smoke is an irritant closely linked to the cause of what disease state?** **ANS** COPD

7. **True or False. Beta adrenergic agonists are an example of a drug class that works as a bronchodilator.** **ANS** True

8. **True or False. Albuterol is primarily used to prevent symptoms of Asthma.** **ANS** True

9. **List the drug classes with anti-inflammatory effects that are used in the treatment of COPD and asthma.** **ANS** Inhaled corticosteroids
Leukotriene inhibitors